

1 Sep 2010

GRIP (FLL-JSC-DFRC) 14Z Daily Telecon / Webinar

Participants

FLL Team – Michael Goodman, John Molinari, Rich Blakeslee, Henry Fuelberg, Cereese Albers English, Jon Zawislak, Instrument and Forecast teams, Steve Cole,

Telecon

Tim Miller, Bud Meins, Gerry Heymsfield, Michael Black, Ed Zipser, Paul Meyer, Bob Houze, Greg McFarquhar, Chris Ruf, Scott Braun, Shannon Brown, Steve Durden, Kelly Scott, Ramesh Kakar, Robbie Hood

Global Hawk Report

- **Aircraft – green**
 - Plane ready for departure on Wednesday at 9pm PT/ (Thurs 04Z) is possible.
 - Star pattern – if they can go over the storm they will break out of the star pattern. Arrive in the Atlantic at 1130Z and over the storm at 1230Z
 - Media Day at DFRC is Tuesday 31Aug
 - On station 10-12hrs
- **Droposonde – red**
 - Re-fly of Low Altitude test flight is tbd. Discussing combining high-altitude and low-altitude drop in one test flight.
 - Ground test – may be today
 - Earliest it could low altitude test drop is the weekend but may be after the weekend
- **HAMSR – green.**
- **LIP - green**
- **HIWRAP – yellow**
 - Some noise in 2-channels in the Ka band
 - HIWRAP able to get time to work on instrument on Monday

WB-57 Report

- **Aircraft – green**
 - Plane is ferrying as week speak
 - 20Z take off for 6+hrs
 - Double swath figure 4
 - Flight coordinate with NOAA-43
- **HIRAD - green**
 - Suitcase to MacDill AFB, Tampa did not occur yesterday. Reschedule for today, Tuesday 1pm CT (18Z).
 - Ferry Wednesday morning with a Wednesday science flight afternoon.

- Coordinate with P3-NOAA43 to map vortex winds matched with SFMR on the other plane. Lawnmower at FL600 path orthogonal to SFMR. As many figure 4s as possible.
- Thursday into H. Earl as long as he is within 1000 miles
- NAST-I still delayed
 - The piggybacking ground rules for NAST-I are such that it will not impact HIRAD. No separate test flights will be done for NAST-I.

DC8 Report

- Aircraft – green.
 - 8hr mission
- LASE – green.
- LARGE – green.
- APR2 – green.
- DAWN – yellow. Recording good data yesterday in Earl but have not produced winds (at least a week away). Have a component that they want to switch out but not effect Wed or Thur flight. Would replace
- Microphysics – green
 - PIP repaired from Monday's flight.
 - CSI cannot fly for the duration of GRIP
- MMS – green.
- Dropsonde – green.
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Science

Fly on Wed and Thurs.

Wednesday science objective is to sample environment ahead of the storm in the clear air for LASE, DAWN and dropsondes.

Thursday – coordinate flight with Global Hawk

DC-8

- Objective is to cover the south and west side of the storm
- Flying clearing air with DAWN, LASE and Dropsondes

Plan is to fly Thursday as well at 16Z. If storm weakens further, then fly a similar plan tomorrow.

Global Hawk media day at DFRC was yesterday 31Aug2010